



California Regional Water Quality Control Board Central Valley Region



Linda S. Adams

Secretary for

Environmental Protection

Sacramento Main Office

11020 Sun Center Drive #200, Rancho Cordova, California 95670-6114

Phone (916) 464-3291 • FAX (916) 464-4645

<http://www.waterboards.ca.gov/centralvalley>

Arnold

Schwarzenegger

Governor

3 January 2007

Donato and Michelina Iuliano
La Borgata
7539 Pleasants Valley Road
Vacaville, CA 95688

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 LA BORGATA, SOLANO COUNTY

Regional Water Board staff has reviewed your 12 December 2006 Report of Waste Discharge (RWD) and supplemental information received 21 December 2006 for coverage under Resolution R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a *Notice of Non-Applicability* for compliance with the storm water General Permit and an \$872 filing fee. Our review finds the RWD to be substantially complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Water Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

Discharge Description

Donato and Michelina Iuliano (Discharger) own and operate La Borgata winery. The winery street address is 7539 Pleasants Valley Road, Vacaville, in Solano County. The winery is on approximately 38.7 acres; the property includes a residence, winery building, and crush pad. There are 5-acres of vineyard and 1.5-acres of orchard (apricot, almond, and citrus) to which wastewater and composted solids will be applied. The Discharger estimates that approximately 5 to 10 tons of grapes will be grown onsite and crushed annually producing approximately 3,500 gallons of wine (approximately 1,500 cases of wine). The Discharger estimates approximately 9,900 gallons of wastewater will be generated on an annual basis.

All activities producing wastewater will be conducted under the cover of an enclosed building equipped with drain(s) to collect wastewater. Wastewater will be screened, collected in a 2,500-gallon tank, and then discharged daily to the vineyard and orchard as weather permits. The primary method of wastewater disposal will be overland flow to 6.5-acres of vineyard and orchard. No wastewater will be applied during times of precipitation or when the soil is saturated. Activities in the winery will be curtailed or modified to prevent the application of wastewater when climatic or soil conditions do not allow application. The Discharger states that storm water is contained onsite and has filed a storm water Notice of Non-Applicability.

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Based on the typical volume and strength of wastewater that will be produced, the anticipated maximum hydraulic and agronomic loading rates for the proposed disposal area fall within an acceptable range. Based on calculations, the proposed 6.5-acre land application area should have adequate hydraulic and nutrient uptake capacity to receive the total wastewater discharge from this facility and remain protective of groundwater and surface water quality.

The Discharger has identified Best Management Practices that will be implemented to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading. Those practices include source control and management of winery activities consistent with climatic conditions. Wastewater data will be compiled and included in an annual report.

Solid waste produced by the facility will consist of grape seeds, stems, skins, and lees. It is estimated that no more than 3.2 tons of solid waste will be generated annually. Solid waste will be composted and then spread on the vineyard and orchard. If needed, the composted solids will be tilled into the soil to prevent odors. As a contingency solid waste management option, the Discharger can transport the waste to a landfill for disposal.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. This letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. An annual report that contains the information described in Items No. 1, 2, and 5 of the monitoring and reporting program must be submitted by **1 February** of each year.

Based on the site conditions described in the RWD, staff estimates that La Borgata can crush and apply the wastewater from the equivalent of 10 tons of grapes (a maximum of 9,900 gallons/year wastewater). If the volume of wastewater exceeds 9,900 gallons per year or the method of winery wastewater and solids disposal change from those described in the RWD, the Discharger must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time the Discharger must submit a new RWD with filing fee to renew the waiver, or cease the discharge.

If you have any questions, please contact Mark List at (916) 464-4732.

- Original Signed by Jack E. Del Conte for -

PAMELA C. CREEDON
Executive Officer

Enclosures: General Order No. R5-2003-0106

cc: w/o enc Birgitta Corsello, Solano County Department of Resource Management, Fairfield